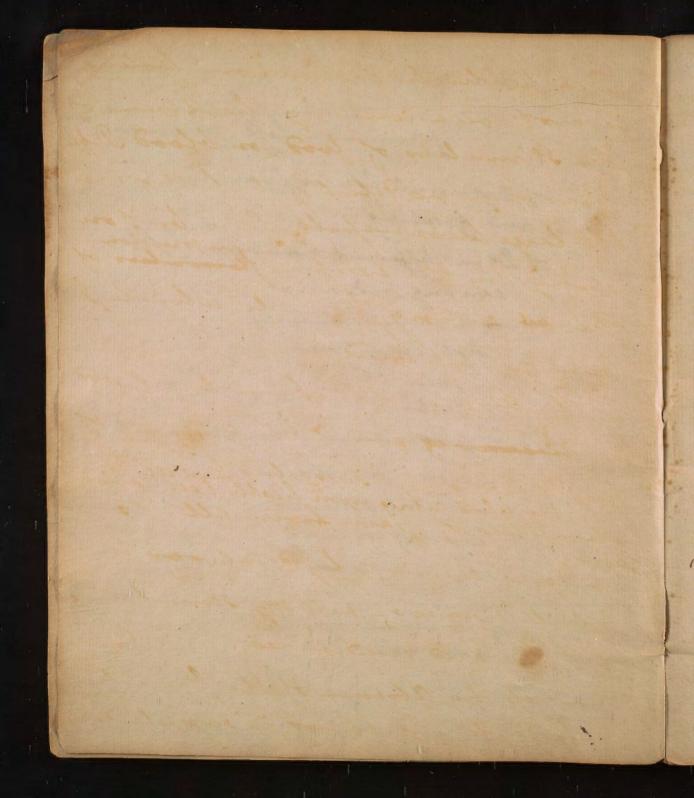
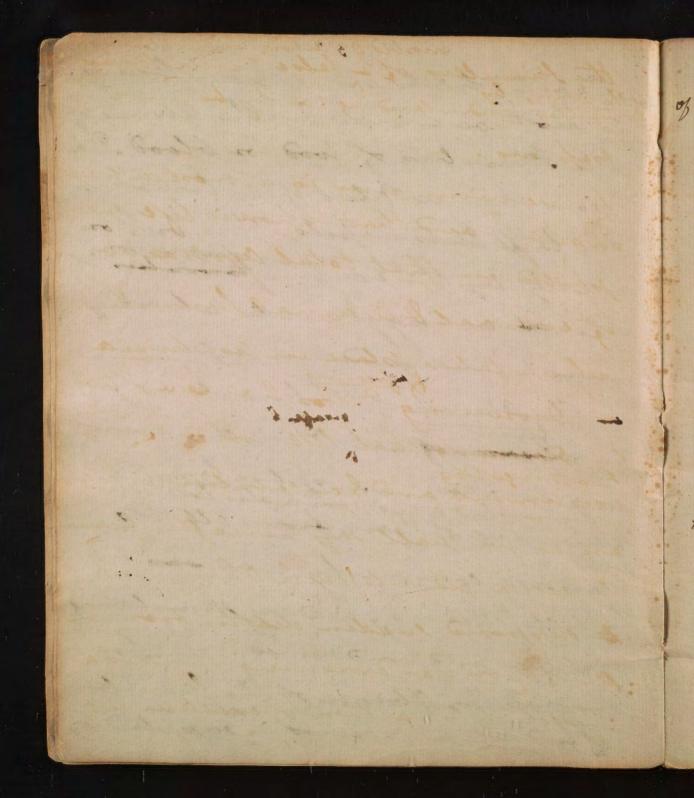


of animal life continued of arrival life in Drowning and fruing. 93. of Do in different nations among Indiano - 100 - of the inhabitants of 2 102 hot Countries. - J 103 - Cold Do - Jastern Countries 105 - poor very where 109 - Free Countries 110 mental Stimuli 112 Love of money 112 - hame 114 114 Diff Religions of animal life in Other 118. of Animal heat

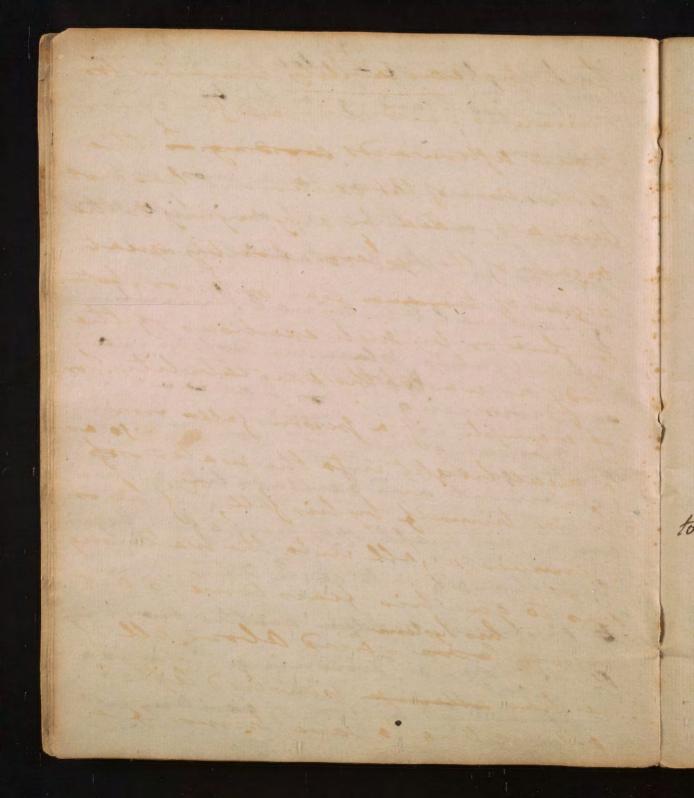


Death which cooses from fasting is not occasioned by the absence of the Stimulus of food, or blood . Dipu - tions shere no Orfert of the latter in the large blooding feels. It is brott on wholly by the exceptive females of the of acting thurseli which have mentioned. the alsence of the Stimulus of food in diseases of long duration is supplied line latter blowd who blowd acting upon highly excited blowd acting upon highly excited blowd repels, excited pain from all its repels, excited acting the last of fraint from all its repels, excited blowd in the second courses, - by heat one in bebrile Diseases, - and by Stirmelating Durcho and medicines. ____for medness the absence of the strimulus To food when it occurs, is supplied by

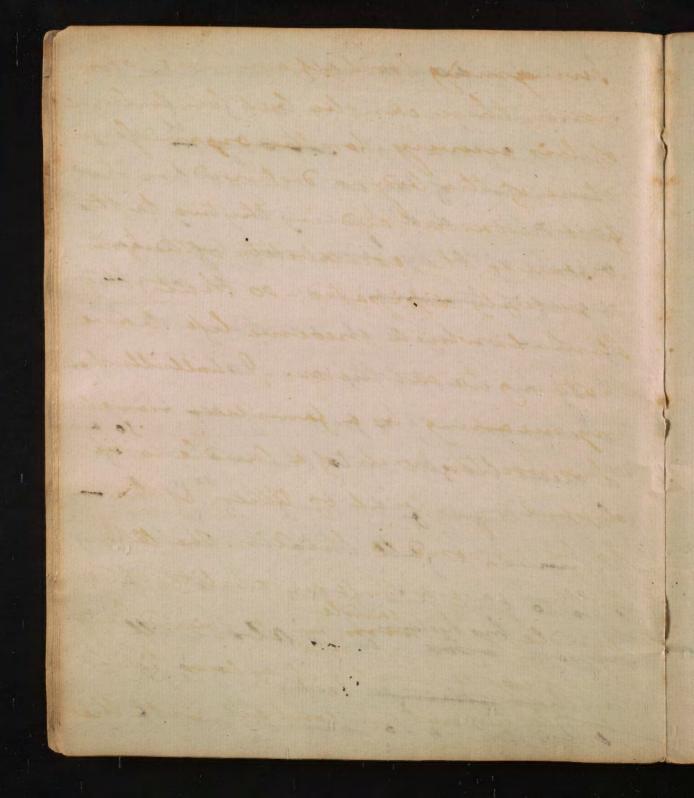


the Stranders of a false perceptions.

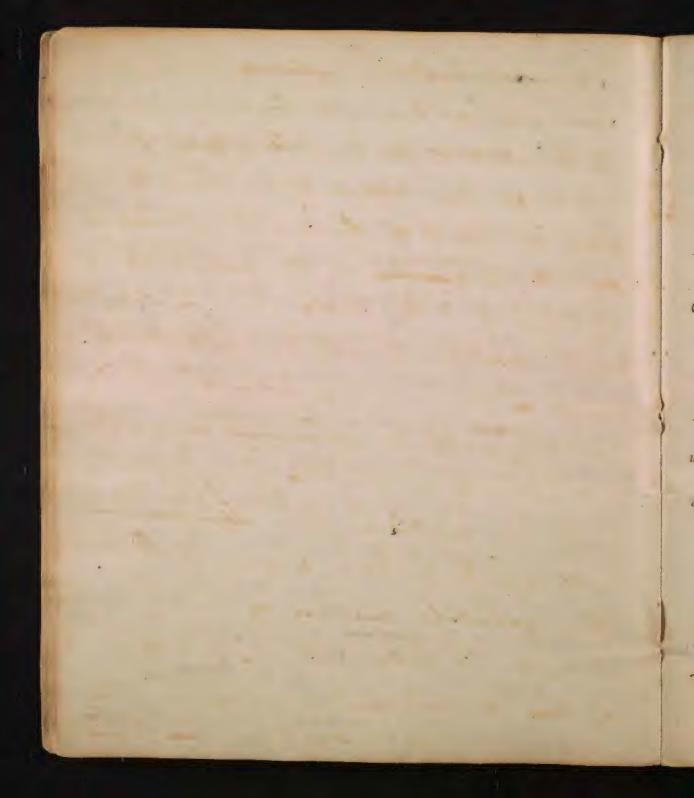
of the brain, by the linders tanding, or by be consuly papions. 4 be come now to a most difficult inquiry, and that is how is life sup: - ported in that total abstraction of external dinternal Stimuli as Drowning free in asphipia,
as Drowning free product in
by blesewing that life consists in
two things was:
and Santability. Many
existement and Santability. are as we shall say hereafter, frequents - by exchanged into each other. for # sujoposed sudden deaths from April-joy-or drowning there is a sudden abstraction of existement,



but the exitability remains for minates, and it is said for even hours lefterwards, anding is the distruction of the existement has not been attended by any injury to the organs of the hystern, nor by great degrees of terror fear or terror, bette of where or by such exestions of the body as waste the exitability. For if example if a person falls from a great height into the water sig to bruise himself by his fall, - if he is Juniues a full into the water, long ens to give his fears time to act his lystem ind above all, if he has attempt prinshed lefter attempting to lave himself by



I wing ming for half an hour ovan honer, there can be but little hope of his survey for the organistrue. = true of the body is distroyed in the first instance, and in the two latter instances, the excitability of the hystem is entirely dispipated, - to that the Stimuli which preserve life have nothing to act upon. - I shall illustrate my meaning, by a familiar example. - Suppose the wich of a Cample to be dipped in a bial of Other, & afterness to be exposed to the air. The Other in this case is the excitabality of the candle candle in its sound state is its existement, if a loss lighted candle be but in contact with the



Dupor of the Other, which it immediately tates frie, and communicates its blane to the wich of the landle. But if this with, or the tallow of the Candlehave been dessined of their instamability. for which exists to the existement of the brig) by being previously with with water-it will be impossible to existe a them into a flame. The Other in this will be consumed or wasted, but it will make no impression finise upon the candle. - This illustration will apply further, & since to illustrate the wolatile nature of the existabi - lity of the body, when it is dessived of the its constant resource in the inflame excitement of the Lystens. He To past

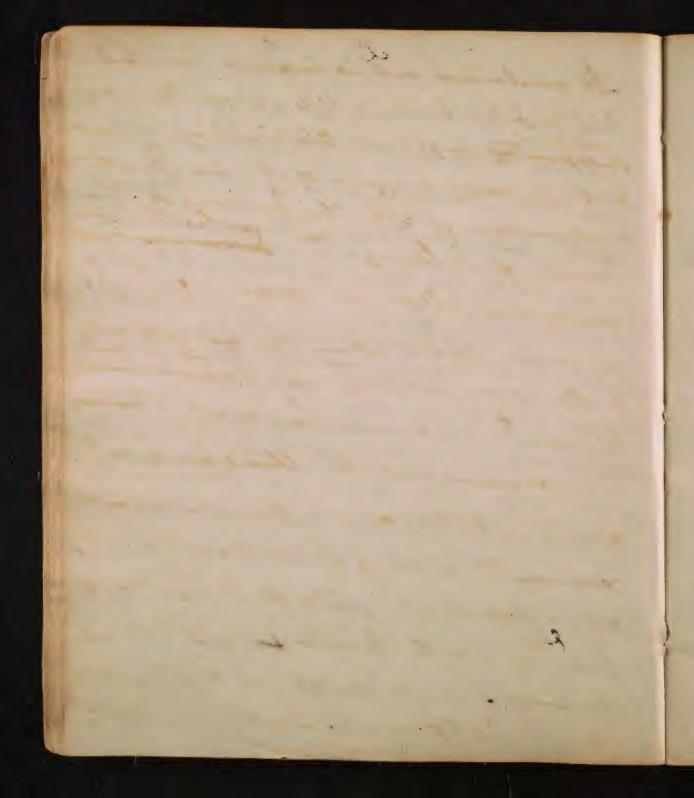
V The Stimuli which act most speedily in this case are gentleheat Hexercise, and all much applice as canal rouse the lungs be alimentary into action. There then our theory receives nen Aring the - for we here behold ani: = mal life - more than presenced - we see it notoned by Stimuli acting upon the excitate of the System, and gradually converting it into existement. -

the Other, the lighted landle mass the boot in contract with it som lefter its before it has time to whale in the dis. In like manner- Stimuli mustbe applied to the existability of the fation immediately after it is to her out of The water, originalles otherwise they will be upphied in vain. - for it forms for asphisia particularly in that Aprices which we call a Trance-the Mate of the Lystem is meanly the same as in drowning - but this Dist Jonnetimes comes on in the close of som finers which have, sidned the existement be wasted the excitation. of the dystern. How is arrival like in this case supported or restored by

I this was evident from heat com.

- trinsing mean the treat - or from
the body not arguining around suries
which are always arrown they hear
death. — It is ustain they hear
and think - the mind here reacts re
facts of Jos Rush - The german & the
facts of Jos Rush - The german & the
annexe extract from Delegton's work.

Atimali? James that in all the trains I have ever breard off, there was had been done to any of the Organs of the body. It 2 that there were con-- siderable portions of exitable? - and existement life in the System. and 3. that the recovery was effected withinky heat - of pure air for by the impulse If a divine commence cation to the Itimulating to the budy as any of the common actions of the Understanding or passions of love then as in the fromes Case life is to see not only preserved, but restored by the cution of Stimuli. -



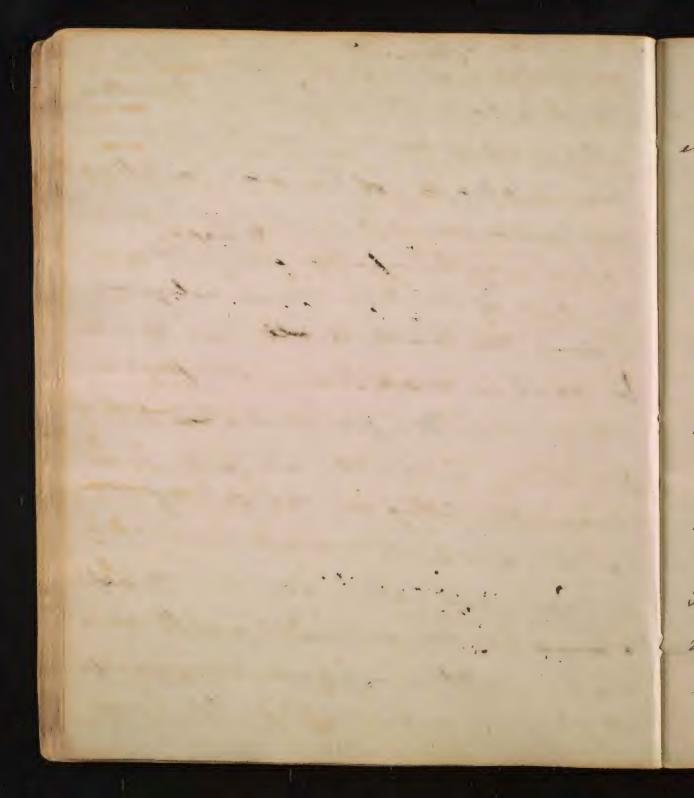
It unuino yet to inquire la under this hand - how is life supported, on sestored in that abstraction of heat and in wascquence of it, - in that surfrencion of all the arthons of the takes beaut - and hungs - I which takes when the place in freezing? suddenly upon the body before there the es a commer us not to Pestray any organic parts - the excitabris accountated as in the recoverable cases of drawing I mentioned, - and life is restoned by the fathingham of heat, of gentle frictions applied to The body . _ The heat for this purpose Thruto be accommodated to the

I am so perjectly satisfied that life is suspended only in fruing where it takes place Inddenly; that I believe it profrible for the body to remain in that flats for many years without The extinction of life. In the impro-particularly of medicine remain yet to be made, I think it Inobable that men will have it in the power to change the age in which they are to hime. What think you gent: of suspen: Ting your existence standen the application of Cold, during the following the freshort the bold were of fresent flate of over world, and beguating a four of

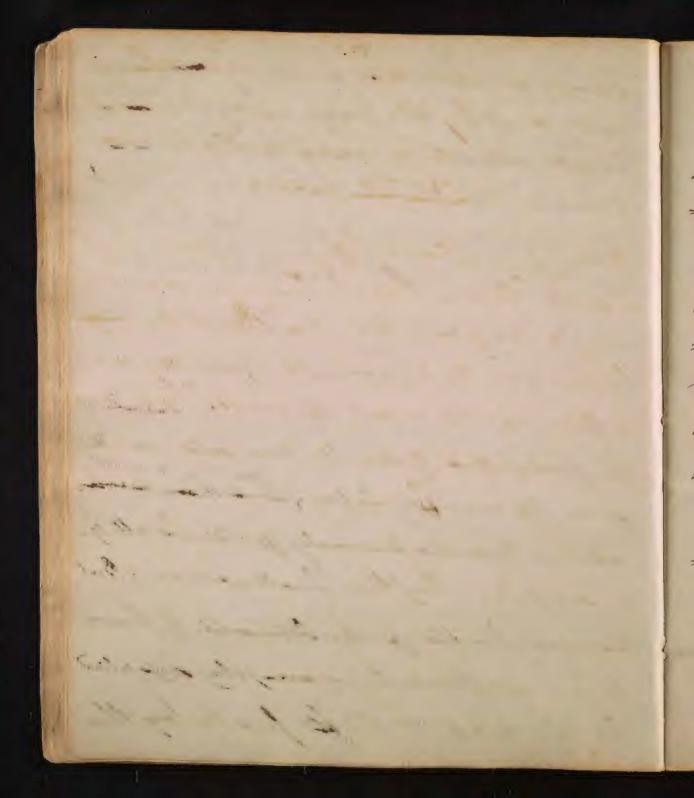
exitability in the ystern. That of pumps or Spring water is generally warms eno in the first instance how how how far our Thong will apply in explaining the State of human life in all the Different assume tances in which it exists in the globe, and if enterment parts of the I for the provinces of the worthern Lati-- trong there is a defect of the timeles the printer - it heat in winter - it was for the Understanding - and among Joine hating of all the sunstion - for they hold it disgraceful to show any outward signs of anger-joy-bet even of truder or donnestic affections. This Character of

money to be applied an hundred years hence, to awaken you to behold our world in a state of order, beare & universally happyings which the prophets apure to believe will probably take place within that period of time. The second secon

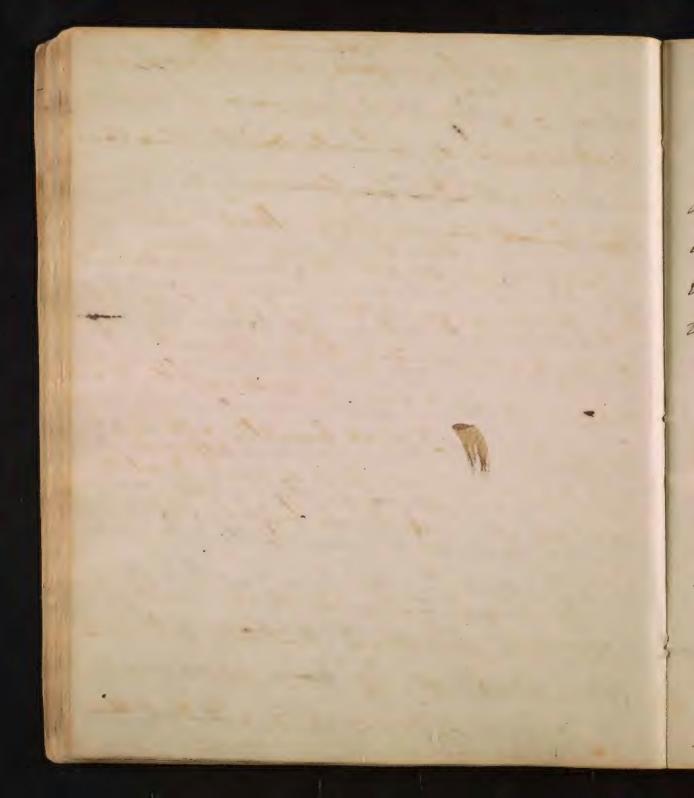
of the intellects of promision contrary to that which is given them by some Jouvellers, who awarding as they have embraced the principles of the Ruspeau, or Voltaine have endeavoured to prove that human that human become perfect without the aids of civiliration or religion. I demy the truth of all these opinions, I what is more, I derry the facts on which they are founded. The are Judian in a cold Chinate is the most aniserable being on the face of the earth - and as to moruls, he is halfs The greatest part of in wahing or fleeping Under the alternate influence of hunger or gluttony. - But animal life here



does not want a Sufficient for portion exercise which they want they brigares war to papions with which they want they carry on, be by the extrangement joy with which they afterwards their explicits in both in their savage dunces It Songs. -2 for the inhabituats of the torsid soficienty of agrice, - there is a defect of the Stimulus of the Understanding - & almost youtanionsly produces all y: is neufrary for their historiance. But the weatheres of the Stimuli of have bein mentioned, is anapoly supplied by the heat of the popular, - by the



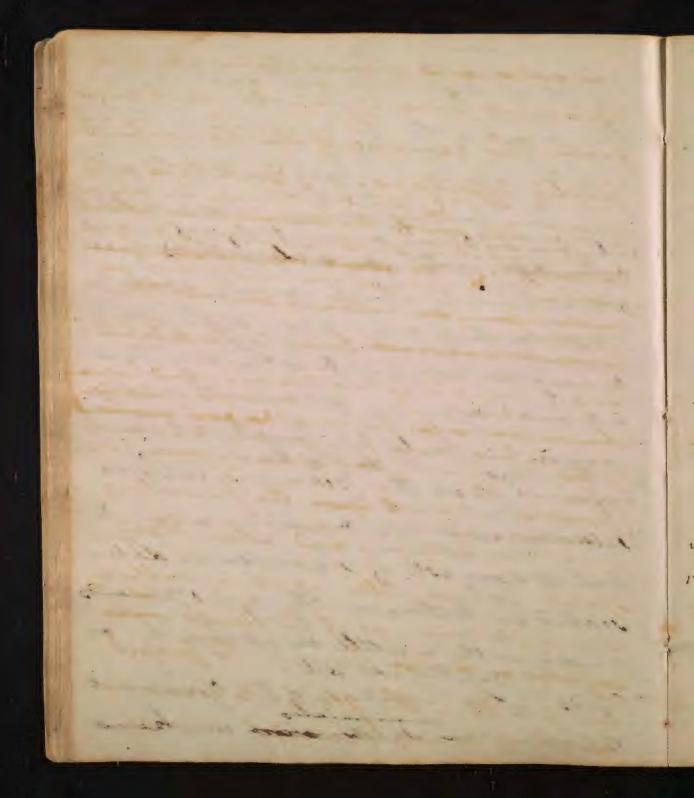
Spices which they mid with their dict, - and by the pupion for musical Sounds which to universally thural: - terres thempre notions. 3 for greenland - the Porn affords but a fuble Stirmeless in frammer, and desaring a long winter, he leaves the boy human body exposed to the sedative Oution of the most intense cold. hence the pulse of a ynentunder seldom beats more than 40, or 50 strokes in alli-- mite. But the Alsener of this Stringles is supplied by the heat of their stone rooms-, by the propiration of their bodies confined by from gurments of hair of from - and by the pendian



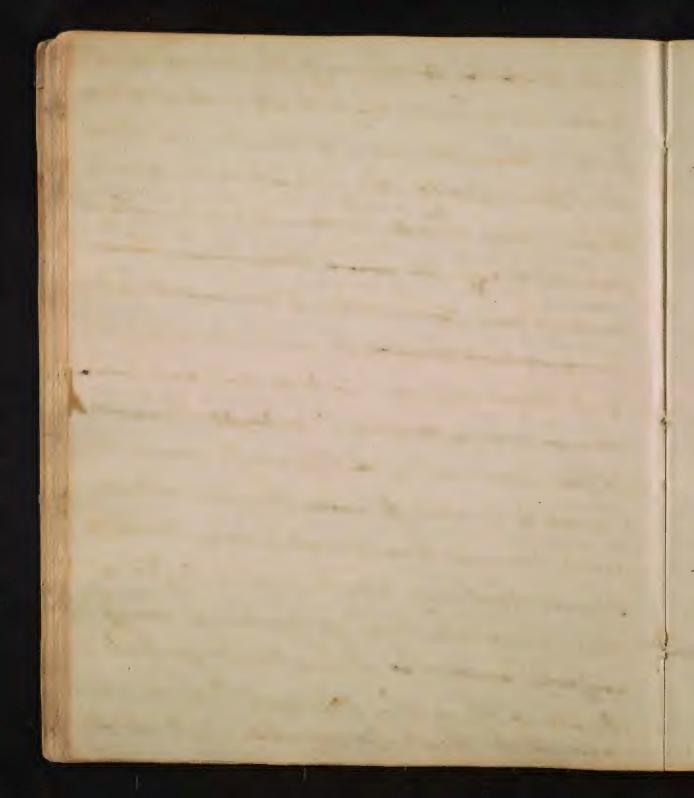
Trature of their ford - which consists chiefly of humal food, and of dried fish - and of whale oil. - This last article of Diet is Justemed by them in the court runing flate - that frants informs us that the proprietioned. they discharge after cating it is so and, as to under their Churches offensive and were intollerable to an hurspean. - I must hurdly and that an aliment popular of ever Gualities cannot fail of being highly thinks. It is umarbable that the Drit of all the continue Costions of Buspe consists chiefly of stringlating line. - mal or refetable ford, and that the

V There is librarios a general defini-Stimulus from the exercise of the Understanding

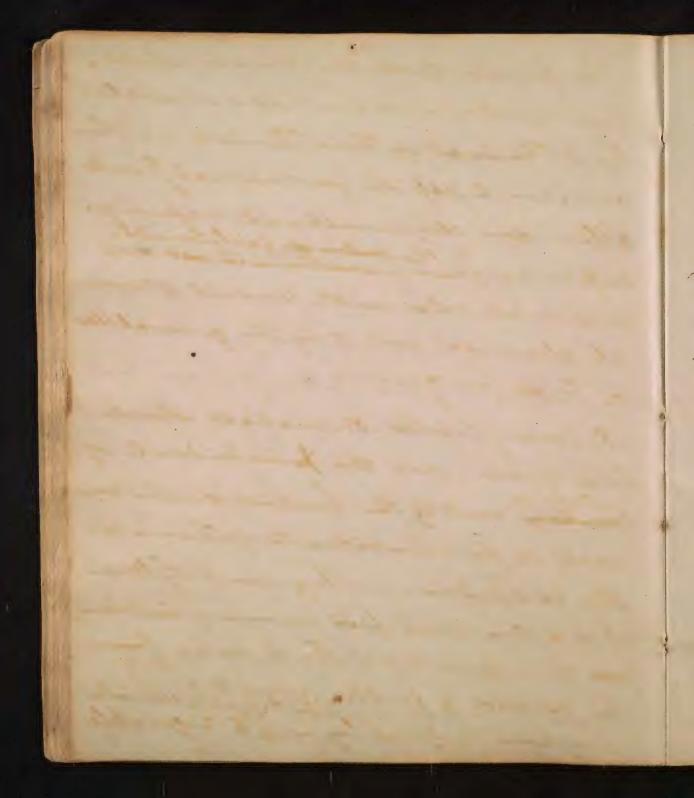
If let is west turn our eyes to the the visicable inhabitants of the East in its must fulle state we held life out the several only from y absume folipsical, but of several with a suite of several other Himseli which yperate upon the inhabitants of other parts of the levored. among the poor preple of Junky thereis a general deficiency of aliment. _ mobol. informs that the Bedonins in Typia " seldom exceeds six onnes in a day, & that it consists of sixon seven dates soulis in bretter milk, and afterwards mixed with a little sweet with, on Curds". - The despotism of the government of Justing, in all its water in eathern



donestio, and annihilates all that extansive fource of flimuli which arises from the exercise of the domesties & Joubli affections. - a Trush lines only to himself, and to the remember in which the moment in which he exists - for his futurity of as to life of property belongs wholey to his his line master for mothing begand the france to fear is the debilite. - ting miniple of his Outions, and hopes and joy which comments mere added to the to the his heart. The Tyranny wen in-- poses a ustraint regen the structure Thick orises commencation, - and when they Speak volvey tetts is it is with a wanter Plan fuble vine - as if the lungs were defeated withouther Stringth to propel Our wis this the glottis to form is: timet articulate Sounds. But the



effects of the absence of the stimulitheet have been mustioned do not stops here." Hy The same traveller that they are olive in all their motions - that this Isties are small - that they flow small executions - that their their so distribute of Terosity, that wothing but the greatest heat can preserve its fluidity-- and blint they are rather active, and Vigorous - but that under all these circumstances of deficient stringeli they are still healthy! This should not sea. : prise is, for health and even longlife do not depend so much upon the ftrengthe of the Constitution as repor a dree & exact proprovition being kept up between the Atr quantity of Atringth & the number and force of Stimuli which art uponit.



The absence of all the flimmeli which I have mentioned in the Toroles is supplied by I the heat of their Climate - 2 thier in in al papion for musical founds -3their equally mineral passion for diefs. — 4 their mostion of bushionable Universal assor in the present of Venese: al pleasures, and 5 by the generallise of above or opium. 5 many of the observations which Safrica for the Inshish dominions apply to the inhabitants of China & the East provis . - They want the time: : his of ancimal fros in many instances, and an well as those which arise form the exercise of public lifetions they the first of elimate are home dupplied by - 2 a regetable



aliment which abounds with hourshment Joustines viz: Rice- and Beans. 3 4 ley the general use of the in China, & of the Coffee made of the dried & tourted How Luds of the Strammonisum in the countries in the orighbourhood of the Indian Coast. June of these entions when behavise strong strong strong February - us as we do tobacco. among the pour and miserable in the middle nations of & who inhabit the middle & Southern frants of humps the Himmelies of the defining of wholesome & formed ford - the want of believing the the wis in part supplied by the in some countries by the insignating influence of the Christian religion upon animal life - and in Others,

It is remarkable that the war of each of thesefficients is qualty influenced by the circumstances of Climate. In cold Claimates where the carth quilds its in mare with relutance, & where vigeto. - ble aliment is scarce, the deficincy of that distintion which it is jonneifolly calen of ardent Spirits. To the burtherd of 40: the deficiency of sel the stimuling Aliment is snight for in onions. garlie - or Tobacco. But further - a uniform Ulimate calls for more of these artificial fineli than a variable One - for the alternate assert body, action of heat - cold - winds & sain supplies their place. a Savage,

but copper garding private by inito. In no part of the world is animalife as far as it respects the human species in a more perfect State - than in Britain Ireland - and the United States. The interinternal with all the external and Stringli which have been mentioned, the inhabitants of those countries. Strong enjoy the additional ftimules of foreidons - How insommer the present of the transumber of life, to which enen are the actions of life, to which enen are from to be to the transumbert from the transumbert beleforings of liberty. But to produce the it is needpary that it should be exercised in a Republic . - There is an indipolable Union between moral - political - & Thysical yord, and had I been warined

I There is sever things in the or Stringer arrang manhind by against time and commence observerte alike upon more than a life which is enlighted I wilised - have the inordinate attackment of the provious to Rum & Tobaco. It would seem from these facts that man cannot exist without Sinsation that where it is not dinico from autural stimuli, it will always be jought from such as are trafficial. V Toxploits performed by the funch armies more their present wars, with the history of the State of Commenticuts will poter blich the truth of the Duration of home lift les tongist in republican

that a republican government was not furnishede to industry - moralo - and political happing, I should have in-fined a priori that it most powerable to animal life - But I shall not in a future lection to ust of a life this interesting goustion to ust upon andopral induction. If Hellhere.
- after prove that there is the greatest Amentaly of life exists in the quatest quantity of for the longest time in a republican State. I the history of the how for the prenomina of the in other Animals bysides many award with the thony I have endenvered to establish. Mario, Des Stineschoo Besides the Skinuli which

V 1 The disire of life. This acts marly alike upon all ages and Conditions ofman hind, and is a very prompted flimeles in suppliesting our existence. It is often wisible in the prolongation of life in parents who send for their thitorers in many instances have verissed of their living winder themost imporobable lis were taines, that they have emberaced their emboring a few fickly Jamples by had land hours afterwards. Jointons Often live under wearness till circumstances of the greatest dangers till They reach their nature shore, & then breath Their last in the bosom of their friends. This Desire of life by its behavence, Often troms the feale in form of life in aunte diseases, and the Chance is always in favor of a seconery in Jordoostron to the anxiety a patient discovers to live. attions we are told died by a voluntary abstince

which are influenced by break, on political circumstances, there are certain mental fimuli which open : nate in different ownerly alike your the individuals of all the mations of The love of money. It is populion to this papion to set the whole muchine of Society in anotion. Hearts which are insensible of the strinking of solice - gion-patriotion - love I even of domestic affections, me excites into action by this papion. The history of the affectione in the city of Pintal, between the 10th and the 15th of aug. in the year by ge will ling be union

from food in five days. - to be found ton his an' of the Earthquahr at Calabria relates after fact of a girl who lived 11 days with out food. In the former case life was shortned by the want of divine for it in the latter it was protracted by the several of life it. Itory of Brifort - negroes - & anim; magne. This thism. upon the hystern in a pendiar enames in the games of Cards & Die . I haveheard of a gent " in Virginia who propred two whole nights without Sleep at a card table - and it is related in the life of the when he was so ill as to be mable to sise from his Chair, he was bro't to the hazard table, where he has seemed suddenly to revive at the rathing of the diec". 3 Public annoements of all kinds. a horse - race - a Cook frit - the theatre -

unremelved by emiternystative men for having fromished the most the = travisioning proofs of the promenful Stimulus of the love of money whom The human body - The wonth of linguist break of Scripsomobilia in the wonth of languist of the second or five in one, instance an abstinatelaheful: a thing person better mind in Care as patrents. - The who amainty printed in treng country and - the grich, motions of the desulting long - versation - I the extempore Inhuman of all the pressons who were inter gave in this new Speries of Spentation gave in times picture of a lathehim

The livers - be all news papers - and arti--ficial strinulus upon the Styoten, and like the spines aming the John Rum among the historians supply the defect of the Strinelus of thinking . The Stirulus in the places of public most amount is varied by the difference of rank I det which frequent them. Homage from an inferior to a Superior, & a undescerading finite from a Superior to an inferior, - and the flattery formal to that fex which is supposed to ful it most are all belong to the artificial Stimuli of animal life] -4 The love of Drefs. Amiton. This thinneless is not confined in its influence wholly to loxcombs. and It outs in some to have heard of the cases upon many of the heard of the cases upon money of the standards. a gentleman indonth andriva who

The Love of fame. This papious acts in reprison veryo, but its firmulus is most powerful & disrable in militar many instances the debited offets of hunger = foliques coale labor. It has even done more. It has semed the debility which is connected with enny discuses . In several instances which have some within y compap of my knowledge - it has invest the pulmonny amouparption. + 7 & frish fund 302 low that The different religious of the bonds. Eggs-gentlemen - Shorts to religion

I affeism is the worst of Sedatives to the abstraction of all hope - tijoy - and These we said formerly were two of the more powerful of the intera religions, as a social amornie. of melancholly by changing his blanks, It I believe there are few possible who do not feel this proits imigorated my by putting on a ven Suit of Chathes. 5 tholow hovely is an insurence forme of agreentle Stimuli - Hence we find new los companions - new this is of our blasmes - of bisinesso - new prospects new Situations with respect to town & country - or to different Cornetinis -

arrival life, as it needs any in graniment. - Religiono are more on less friendly to brunan life as they devate the Understanding & the constion of joy. It integts will when perfectly finders town & explained, = wity has immersed horantafes in This respect our all the religious in the words. It is the trateral stringles of the human mind, no much to as with and briend are the vatural public amingments - the love of money of fame of intermedial for the Stimuli of intermedial facility of spine and arout are all inspurfeet Substitutes for its gentle - and durable frimelies of the Inveligion the effects of the love of librity, and week

I and those notes are against the dame violence is done to the under -standing and affections by dyniving there of the a god, that is done to both by so dooning a man to live ina Cell deprived of the pleasures of social and downstie life. They so who attempt to bell the tribute of resson, -prose that he can exist without a celigion of some kind. The French ration here lately given the most implied the wiship of the proof of this apertion. They have quilded to the impulses of the human heart in its object of adoration, by worthisping a human Reason in the figure

The conduct of many ind: has Juoued this is all ages or countries. where the true god has been righted, habire, fortune, reman se inhis That .

all exest an invigorating influence not only the health but upon aminal life. star in and longevity be universal, and as so old age be the only outlet of human life. This delightful Change in the animal Deonoury shall be brought about not by refinements in civilatation. not leg drience - not by liberty -Too alas! they have all exerted their influence in vain for not in a word by any thing human heason can do - by for they have all exerted their influence in vairi for that purpose lent but the delline das universal prevalence

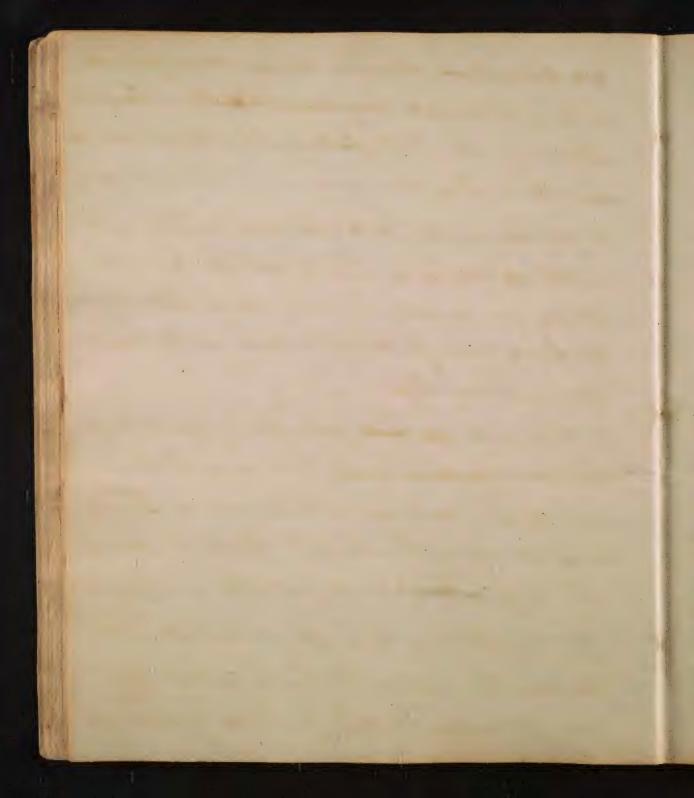
How long the world ency continued to brife I have must, but the format hopping is much to the format hopping and will come the base that the trans to affect in the inphision of the Shall be reduced, and the body & mind of man rumer their original ader. Thepublican from of governments are furnished behicles of the simple to formation to pricing to the strugging for this work from the of the De world . Wen the muse of the wilstown pupions is becoming by Jopasin voives in many countries - and were the potificial Stimuli of Tobaico - and Spiritty

of the Lu Religion. Thave de __ of the flavore of comparative fiture: : tions in all countries with respect to animal life. I Shall only observe here that country people are exposed to more stringer than citizens from apmer lir-more reguler labor - and more nutrisal Sounds, - I allride here to the Singings of Birds . - to It is reman. = hable that this ftimeles is applied to the ess bystim when it is most debilitated, that is in the virings & evenings . In the Country the inhabitants are exposed to more flimalithan prisons who inhabit a level lucuting, or who both cases the Stringlus arises from foure air.

particularly in Britains - Tholless show a 1/2 Trank Coffee I have been toto are now Substituting in the last of those countries , not only inform homoso, but in taveno to the use of distilled Spirits. The disuse of these Luthsome & unatural ftimuli widently shows a demination of here = man misery and a himility to more sational & orational Stronglist of the disselish to live & Back inthe comatiscence of a fewer theres a seturn of the exists hilly to neutronal offendant fluores for gent have It hyman spices, but as leverice it

V and here gent: we must extend our Deas of animal life. The Deity sums to have delighted in landy in all his works. - thould use discover the Stimuli in prepport life in many we be weather in other arrivals than in man, we must remember that this is no quater departure from y their affinity, than their having less fire, or beauty, or intillutual powers. all animals more exquisité fires than man except louch.

to depend upon the same causes in different proportions, & differently mo. : defed in arrivals of wing Species, it me thing regimes that I though apply my principles to explain the state of life in such of them is exhibit phenomena which seem to war. - tradict all that has been advanced upon this Subject. I & Blowne that all the arrivals we are exeguainted with, even the Shell fish - have either to hings - bearing - menes, or mus obserlar fibres. It is as yet a controvery abovery wateralists whether animal life can exist without a brain or breves - but



no one has devied muscular febres and of course contractideity, on String ability talong to animalife in all its theyses. 2 all the arrivals we are acquainted with the require more or less air for their existence. - now this we now to be a pininful trimulus in the Pupport of human life. -3 They all prost fur upon fulstances which to their bries are more on less stimulating to their bois. It is true some of them take this almost at long periods. Bruce tells us that he kept two Small arrivals called Serbous on which the fentes, or in wial homed vipes buts, for two years in

I The frog during its long connection with its female, suffers its limbs to be ampentated without discovering the least means of pain; or without relaxing in its embraces.

good health without food or fleeps . Per. : haps this period was not more in this animals life than 24 hours are to man. Its living without fleeps is a proof of an incommon prostion of original & natural existement. 4 They all propagate, & of conseglell the importoe of veneral appetite. John Spalanani prove that they ful this timeles in which life is in a feello flate a degree to which larger linimals are Strangers. - If all the Other Stimuli which act upon them, operate in the Same vation we may awant of their lives.

connected with: p 123 They have all his in a commer. tion is air from the Smail butters in air this a pelliele or cover which It weaves out of firme on its lessy, to open a papage to the air. now Chir we said was ome of the most powerful ftimuli of life. But it is propieble life may wist in these arrainals without in the total library of every infression, or timulus, provided, the torgid

5 for many arrivals we behold evident enashs of Understanding and mass profion. - The Bu - White ant exhibit many muchos of the former, & where it the School boy that cannot of a was fo? & But what shall we vany to the history of those humans which pape whole weeks & even long winters in a boyond flate in which there appears to be an absence of all the Stimuli of heat - about -Herenise? - This is a difficult Greation, but it may be answered. I By supposing that they proper a

Hote me have mentioned be levot on Moderly . Bots Iwallows which profothers winters in the bottom of Lahro & mill dams, the torpor is certainly but on in this In other animals it is probable the frienders of Undigeoted aliment keeps up the motion of life, for ho Hunter has proved the by anexpos a froy, if Cold below a certain degree cheshs digestion. They all live -I turn buch to p: 121

degree of excitability, andogono to the lingth of the internals between the times of times which we observe in Other Arrivals . _. 2 That in Some of them - the thine. - his of digistion goes forward during There is an enimal infolarchia which I wallows a pinchnet just before it cetires to fleep - which do this solid Salstance is found in a fluid state in its Itomach in the Horing. V I The Bear is said to live up on its fact dring the winter. may not a portion of laterit heat he extricated from this Hete, and consisted into sensible heat; and may not this unsible heat con:



hup up the without of life I V go to p. 121 I Let us be careful how we limit our ideas of aminal life. It may consist of motions - too small for our peruptions. 3 Let us be careful - how leed limit our ideas of exitability. It may exist under cir umstances, & for a length of time of which we can form scarcely arry Corresptions: The man will themse 2 Let us be careful - how we brist the force or dignes of Stimuli. In the topid Aybernation of Deminalo, the existability of their bodies may be so much accument - lated, or so exquisitely formed as that portions of heat - light - I found which descend below all calculations may which the dama fonce which is scarely credible. It ad we been told bob after admilling the Doctaine of



life being the product of timuli that act in the evaling state) that it would exist in that state of Darhness-filenes I maetivity which tetres /s lace influp, we thould have that how found it as difficult to apent to the it, as to the Continuance life in ust nin animals, dering a low fleep I said formerly is a tinderry to death. The Thybernation of an animal is only a summed grade in the Scale which muchos the propely of life to its defor extinction in death. I we said formerly that Heat was a power = crful & universal stringers & inproduing Immal life. But what shall we say to those arrivals which his in acold Allurent, and whose blood is searcely above that point at which we behold

powers , or it might be expressed, the shimulability of annimals is always in proportion to this their deficiency of Sentient powers. This is most evident in the polypi which when cut to peices reproduce themselves. — In cut to peices reproduce themselves. — In being cut — it is probable they ful little on no pain. who fog!

V I might illustrate it still further from the analogy of plants in which life-to growth are supported wholly by Itimuli - particularly of heat of light - But this belongs to the Infepor of Bottomy. Unother profeporship . - That only remark that the Sud of plant resembles an animal berry in having no primeiple of life within itself. If preserved was in a.

the beginning frost? why - that heat I cold are relative tomo - and that different humals require very different degrees of heat - and that 32: tony es figurals 80- or 90 are to the human Thus gent: have I emmerated all life, It more than the the Stages of months phanes of the different nations, and pressuits of over, and this all the clupes of animals which inhabit our Globe. my Object has been Dringsby knimal life. Divines tell us that man clisides this - has a national - & a opinitual life. I believe in cash of them, & that

in the earth 'drawers for years, or if sunh below the stimulating influence of heat & dir it never discours the least fign of regetative pources. life this farthas burn unged as a proof of a principle in V I consider this, as a Striking argu. = ment in favor of the separate of the Soul in a separate State of wintered after death - the human body, but the explanation that has been given of the only cause of the life of a deed, converts it into a strong argument in favor of the bouth of the theory of am now delivering. -The second second

they both exist a Thinkfus under cer. - tim Creumstances upon the human body. - But have the plurinal life who has been the Object of our ingrinis = it capable of existing, independenty either of them. There we me men in not only live - lefet enjoy good health who are distribe of reason, & of times they in Jamones than actes is so ably Drawn by the Duke of fully. I On what part of the fistern do The Stimuli which have been mentioned act : - On the muscular fibres they produce Contraction of motion - our the venues they produce - fination of perception, programment, & mason, or just other.

V or in Other boords, life in man consists of in motion- Imactional thought. 25 & good health consists in the Unity sursation to part of the body, Discussion the free and ensy exercise of all the faculties of the mind.

or perception. There may be contraction without views - Sinsation without thought - and thought without lines. - tion of the treth of earling the - un ations fully establish the truth of each of these propositions. - I shall Speak more particularly of each of them was the head of the newows fystem. Life gentlemen is motion then the by

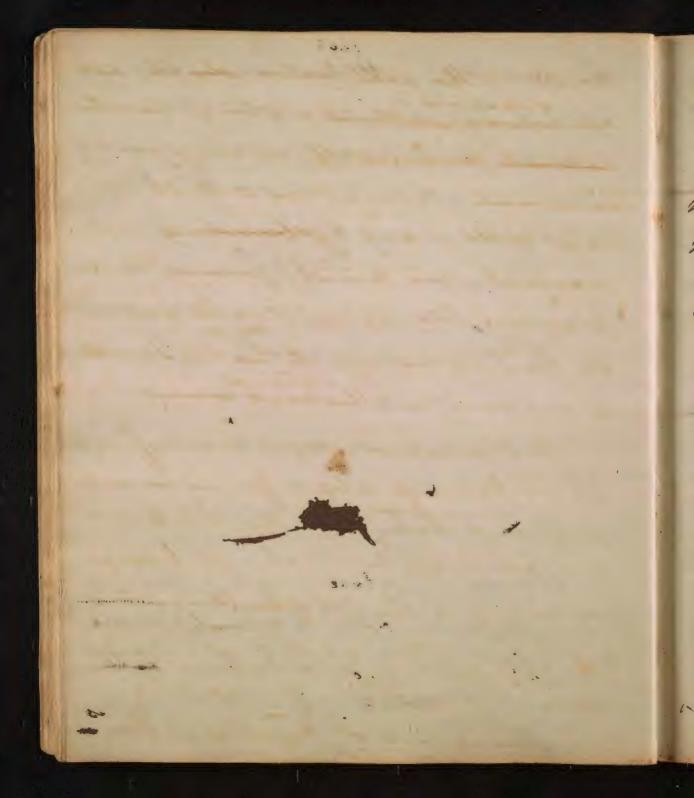
Since the gentlemen is motion existed by

Stimuli It is as much an effect of

imprepions as upon bodies of pending of of enatter, as Sound is of the ftrake of a hammer upon a sonorous body . Life there is a quality, & not a principle. This is the natural inference from y: facts which I have mentione fembre

as ustainly as in vate ideas or Vision.

therefore the intelligent principle of Whyt - the tring principle of his Hunter the aneina medice of Statel - and the lines natura midicatrices of fullen - Every phenomena of life may be ex. - plained by an principles which seem in the books of betress in which there can be no arrore presumption of is lelligence - or a even a consuming principle than there is in there is in hir-fire-& water. Thould it asked what is that pe: - lier organization of much - name -& brain which enablesther withen to emit lights when acted upon by Stimuli? I answer, I donot



know. - The great Creator who has not left trimmely without a witness in the Inditional for himself in any point of the result wateral, as well as the moral world - and by bounding our inguines, has kindly prevented our forgetting his unscarchable wisdom, of our own intellestical powers. Inohamed one said that he famed believe himself to be a god, if he could bring down rain the Clouds, on give life to an animal. It belongs exclusively to the god of the Christians to enable them to produce thought, make it capable under possilian incumstances of browning ton

Upon rivering the Latyrets of animal life as they has been explained there infrontante.

Observations naturally suggest the constant.

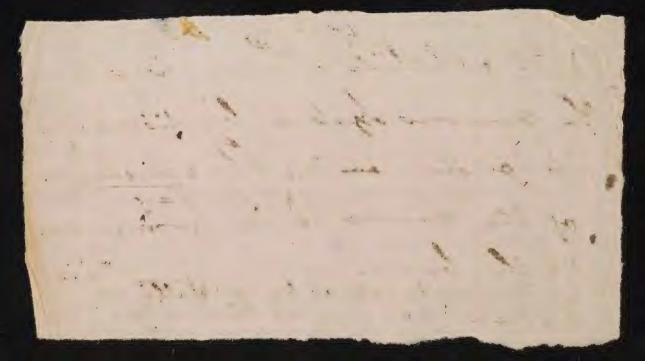
Out is of Int is of Doctarios of the file the life in the light of the frathe logy in the life in the light of the pathology intake Whe practice of thisians. Without appear land from my better your followy. I The Theory I have delivered, cuts the finews of the lines nutrera medicatrices, Justones there out from and in doing this, it not only removes a large mass of subbish at the same time from medicine, but it removes one of the foundations of the Spinnean or athe = istical philosopphy: admit - soprinciple we'call - nature to cut with intelligence in the human body - and we open a door for the a principle under the

to produce from 130. of animal life. I have enoped a rahave gained the opposite shore clean, or invered with mud, and weeds, of have wholly to giver Determination! On animal Heat I for the first view which I supposed myself to here taken of a human Bung I was struck not only with his putdesistion which which who tis in Heat liherise. Upon approaching time of Jamies that I took himley the hand. I found it warmer than go to po: 131

the Universe - to the exclusion of adoprane and eternal creater. By the theory I have posoposed, we men render the existence & support of animal life, the immediate act of its a dreps serve Bling, by the in. : Howevertality of causes which are con: as becomes as true in forther as it is in religion y: that the the is in deed the Josesewer of men" & that in him we live de formande seduced seduced the The Theory I have delivered menders. the mysterious bely ut to aminal life to a level with many, of the not only of the aperations of nature, but of liherise of art. It is in every suspect as truly muchanical, as the pupage of aftrip,

impulse, or flimulus of the lind It differs from them only in this - the matter on which the Stimuli which produce life being of a nature peculiar to itself. -It is agreeable to trace the by Best this thing strong of this thing first analogy with the Experations of the lite as maintained by Edwards & friently, Those writers have clearly foroved that meting motives are to the will what flimuliare to animal matter, and that the notion power is as about as the notions of thinking wit al principles, or the healing powers of nature. - Here we may admire The Unity of truth, & the dringslicity or Onenefo of ins the means by which the freator governs his Universe.

! It exhibits a ver view of The newous Lystern by discouring its origin, an in the extremities of the newes, & its termination in the brain "This idea is happily extended by modalli in his treatise your animal Electricity.



from the impulser of the winds or tide; But this thyon does more - it prostrates in the mind and livery of man at the footstool of the divine power, and thereby - as well might an oak tree which is tributary to easth - water - air - and the heat of the from elinich for its existence, as the Creature man, - for he owes his life every moment to the influences of causes which goes are as arrich in:
Typendant of bines, as the chimints are
of the common vigitable. The startes probably from this view of the dipudant State of animal life in man, that he is flower - to grafe - to a to weaver thinks and all of which show that he exists, only from neepity, and not from any inherent principale of life or thought of

the heat of the removeding atmosphase i lipon facting his face - laying my harts upon his face & breast, I sature I have are informed that he informed much Struck with, who with vily the same in way part, of his body,

Went that it was the same in all
by its being solittle

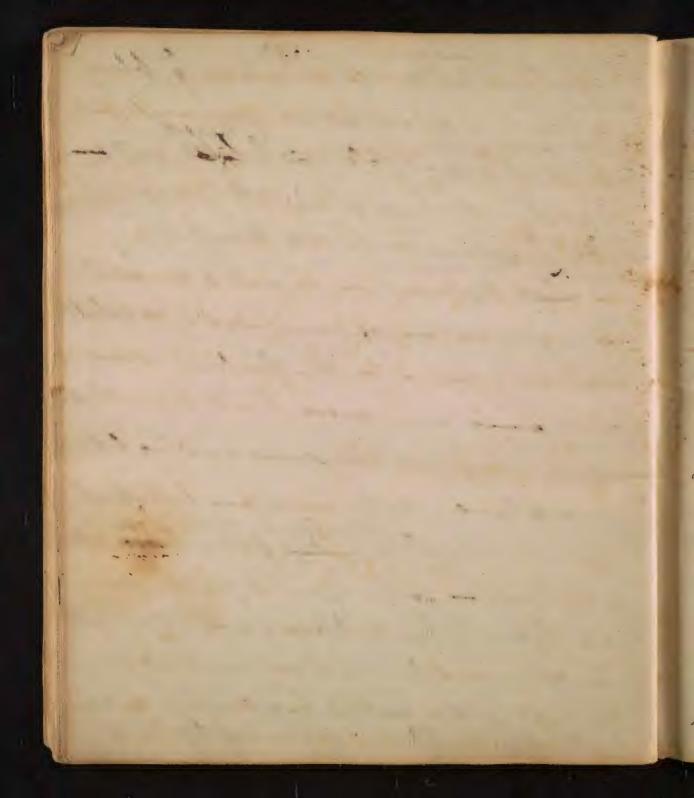
Sensons & claimates, and sellines altered by the any of the Conditions of the System or this appear in the different Stages of human life. It magines that he added further, that this heet

here said that the doctrine of animal life which I have taught is of extensive application in the practice of Physic. - yes gent: the whole Seeret of Jouson: : bing in all diseases consists in knowing when to abstract, & when to apply timeling - in what manner, It in what proportion we are to denie the abstraction, a addition of astificial Stimuli to the whole, or particular parts of the body. Moneyer complicated the materia medi -ca has may be , all medicines there, fore be clused under two heads, viz. dedatives & thinvilarity - 200 bor esestimo)

is the same in the principal of the burnen race. I the business of the the course of the phonomenate trick Serveful 'Typotheses have been proposed mention above of them, & then propose a theory which I conceive to be liable to finest Objections! I I Dettermoon has taken a gend chal of pains in the mis Espays of Etin to prove that arrival next depends upon fermen. - tation taking place in the blood, more 4 experielly a fermentation of the putie. factive kind. To this I Bliget . I That we have no proofs of a fer

all consist of two much, or too little motion and Smoution on in Other honds life, either in the whole, or in parti-- cular parts of the ludy. - return to p130. ho3. v a prover to resist protrejection is said to be one of the properties of animal life. -

of any kind going formand in y blood. 2 That a pretrefuction firmentation in the blood of below "is incompatible with life, and for | Bryond "certain degree with animal the to the experiments of D'hybert. V the 3 Last Patrifaction is not attended with the givenation of any heat - a whale in putrifying on the fenthore does not with any more heat that what it derives from the surrounding at: penshes with aportion fever land all its heat so soon after it parts with ets life. - Their before death, the heat in which are forther diatheris has taken place as in Ahum ation & Plinsing.



The heat which is generated in fermen - lation is confined to its binous flatte. If that mirrals which breath as we do, have the same degrees of heat how this would not be the case if it depended this would not be the case if it depended on putrifaction, for the hist generated by the papage of bodies to putrefaction is propositioned to the quantity of matter atheren. a there is which has been proposed is, that Unimal heat is generated by The friction of the fluids against the go to p: 935 1003 This Hayfultisis is supported by the pheansmenon of heat living frequently connected with the force of the concelation. Jacknower to this, Thypothesis I observe I' That

p: 131 - opposite live. I The view of animal life which of have given formishes a ver argument in ferror of the the will acting only from recepity, for the anotives being the as much the cause of all its exercises, as thinneli are the cause of animal life. If this were not the there would be a defect of turk over thinks over the bland of the Breaton. I The standing, the doctrine of animal life which has been delivered, leads. of the Deity which is given ofhim in the Instrues, viz: as propeping life within himself. To within

Inimitale of life to way the This divine prisogative has were been insparted but to One Being, and that is the Son of God - This appears from that declaration of I John Chap: V. 26 for as the father hath life inhimsely, so bath he given to the four to have life in himself! - here he is called in the run testament the life of the world" - the mine of life"; se in many place life itself. - This View of this the independanty life of the Son of god circumstances which create & support it in man exalts the San of god infinitely above simple humanity, and established his

divinity from reason as well as from mulation. Fruth you me gent: is an Unit, and the more we discover of it in the concluence of knowledge, the more we shall discover of it in Other. westing, and midigare above all Other fineres, metaphysichs in theology,

metaphysichs in theology,

morals & religionation Estates The doctrine of animal will enable life which I have taught had les to decide upon the long agitated Con. trong of invate ideas. It leads West is to reject them altogether, and to assibe them wholly to

the influence of external impressions acting upon a capacity in the mind to seeine ideas. Those top From these Observations you will perceive that touth is a Mont, and the more we discover of it in One branch of knowledge, the more me shall discover of it in others. Physiology & medicine above all other Sciences lead to just iden principles in Theology me religion minute & metaphysichs -

In the View which I have given in the Origin of animal life in man in the ordy Jacoben of Den, I mention thingstood to be cold before it was arrivated by the air which his Creator bunther isato his hings. no somer did Por these Organs expand and Contract alternatity, than it a gentle heat was differed at every internal and estimal part of his body. By means of this heat the wolid blood was liguifued, and the main, news and annoches acquired famility fimitabi: - lite, which prepared them for their in-= portant offices in the arimal Dronomy. our business at present is to inquire into the Origin - Lance of this heat . Trostos propose



V It is no Objection to this argument that eream agained some heat when agitated against the fides of a Church, but this depends upon the duansposition or fermentation of the enam in its papage into butter.

heat cannot be produced by friction unless the bodies which act upon each other are uneaver. In fluid interessioner acquires a particle of heat by being Shahen in the will. - wow the blows thefols we be know have no inserender faces, and the fram - lices of blood have no roughness in thim. V 2 In producing Instion by friction, it is murpany that one of the bodies which is unveil thould be in a fixed state. a Repe in minning this a pulley of ene - rates us beat for wither of those is at rest. now - we know that meether the blood repels, nor the blood in a line healthy amount are ever at rest - was equently no heat can be produced

For It is strictly true therefore whatis said by the Ichoolment " vil est in intellection guod von prins fruit infensu! were it posible for a Chife to grow us to manhood without the use of any of its fenses of hearing - Seeing - finelling - tasting, and touch - he world not propels a single idea of any whaterial object. He would be with respect to our globe as destithe tous excited they are go back to 7.

new materials - but no see. 131.

Deag of is a proper test of truth in Luine to find it award with Revelation now it leaches , natural flate of man. Death after the fall. 2 his life in It. 3 the first

on good healthe dlong life - cquable I timilise & great commondenent to love god to be founded in reason con. - sidering that he not only originate but supports life. no objection to this doctrine. The excation of a lovel as related by moses. It means animal life was infuned - or the capacity of body for emitting life was come = plete. on poisons - illustration de of weleaver from this doctions that sesen greservatio, persitua creatio" - every hours - every moment we are the believes of creat grower as much as his creator. Sach ffring a new treation.

